17th

SBR:000090/2022-23
Dt : 17.01.2024

Original/Duplicate/Triplicate

BR:000090/2022-23
Dt : 17.01.2024

No. 17th RA bill

CONTRACT CERTIFICATE
(For Other Works)

Division: Electrical (Dasarahalli) **JOB NO :015-22-000002** Sub-Division: **Electricals**
Head of Account : P0300 M & R to street lights-Replacement of burnt bulbs etc
Bill Received No. Dated Book Voucher No..... Dated...
Schedule Docket Name of Work :- Annual Maintenance of street lights package D-5 in T Dasarahalli ward no 15
Bill Period:01.12.2023 to 31.12.2023(1 Months)
Name of Contractor and Full Address:- M/s. PRASHANTH ELECTRICALS
Reference to Agreement No:- EE/Ele/DZ/TEND/AG/000013/2021-22 Date:16.03.2022
Reference to Work order No:- EE/Ele/DZ/TEND/WO/000005/2022-23 Date:04.04.2022
Reference to Supplementatry Agreement No: EE/Ele/DZ/TEND/SAG/25/-.2022-23 Date:24.03..2023
Reference to Supplementatry Work order No:- EE/Ele/DZ/TEND/SWO/31/-2022--23 Date:24.03.2023

Certified that the measurements were taken by me on 23/01/2024 and recorded of Pages 68u946 to 68u949 of measurement Book No. 6850 And that the work is satisfactorily executed.

Contractor

Assistant Engineer(Elet)
Officer in charge of work
Bruhath Bengaluru Mahanagara Palike
Dasarahalli Zone, Bengaluru

Certified that the measurement were taken by me on .....and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub Division Officer
ASST. EXECUTIVE ENGINEER (Ele)
Bruhath Bangalore Mahanagara Palike
Dasarahalli Zone, Bangalore

II Memorandum of Payment

9) Total value of work done or supplies made as per account within	Up to date bill:	3905579.88
10) Deduct amount to be held in reserve being ... percent Rs.....	Previous bill:	3782142.51
11) " Balance	Present bill:	123437.37
12) Deduct Payment:	T.W.D	119968.62
		119969 =@
a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... Amount adjusted towards cash advance recovery of	IT	1200=@
	CGST	1200=@
	SGST	1200=@
	LWC	1200=@
	CBT	120=@
b) Payments Now made } cost store or other material supplied. recovery of amount creditable to this/other work Amount paid on this bill Cheque / Cash.	fine	1000=@
	Scrap	2469=@
	T.D	8389=@
13) Balance being unpaid value of work done held in reserve.		
14) Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.		
15) Net amount due to or from Contractor un adjustments items.		
16) Advance to Contractor for materials brought to site (as detailed) within. Value of Government materials supplied. Total amount adjusted -		
	Chq amt:	115048=@

Contractor's Signature

Received Rs..... (in words)..... .....
by cash and by adjustment of Payment as per memorandum
(in final settlement of all demands)

Witness
1.
2.

Stamp

Dated Signature of Contractor
Paid by me by Cheque No.....Dated.....
Cash Rs.....
Dated.....
Initials of Officer making payment

(For use in the Office)
Audited and admitted for Rs. 123437=@
Passed by Cheque for Rs. 115048=@
(One lakh fifteen thousand forty eight Rupees only.
by adjustment Rs. 8389=@

Accounts Superintendent Exe. Engineer (Ele)

B.B.M.P. Dasarahalli Division

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Sl. No.	Description of Item	Unit	Previous Measurement Qty.	Previous Measurement Cost	Present Measurement Qty.	Present Measurement	Present Measurement Rate Rs. P.	Present Measurement Amount	Total Upto Date Qty	Total Upto Date Cost	Remarks
	Name of work:-Annual Maintanance of street lights package D-5 in T. Dasarahalli ward no 15						1 Months		Upto Date paid we for 1 21 months		
1	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches , wires, Holders, Starters ,and switching ON /OFF of street lights at specified timing and Pole numbering, Preparing ward wise, street wise data bank furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below. 36/40 W fluorescent tube light street lighting system.	Each	30X20Months	8568.00	0	685.45/12=57.12	57.12	0.00	30X21Months	8568.99	
2	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches , wires, Holders, Starters ,and switching ON /OFF of street lights at specified timing and Pole numbering, Preparing ward wise, street wise data bank furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below. 125W HPMV Park lighting system.	Each	12X20Months	15124.80	12	756.29/12=63.02	63.02	756.24	12X21Months	15881.04	
3	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches , wires, Holders, Starters ,and switching ON /OFF of street lights at specified timing and Pole numbering, Preparing ward wise, street wise data bank furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed belowPoles with 250W HPSV street lighting system.	Each	851X20Months	1445849.00	851	1019.41/12=84.95	84.95	72292.45	851X21Months	1518141.45	
4	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches , wires, Holders, Starters ,and switching ON /OFF of street lights at specified timing and Pole numbering, Preparing ward wise, street wise data bank furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below 400 watts HPSV street light /High mast lighting system.	Each	36X20Months	67082.40	36	1118.08/12=93.17	93.17	3354.12	36X21Months	70436.52	
5	Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers, MCPCB, surge protective device,, Switches , wires, Holders, Starter observing weather proofing technic confirming to IP 65 standards. and , switching ON/OFF of street lights at specified timing and Pole numbering . Preparing ward wise ,street wise street light data bank , furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 24 Watt to 40 Watt LED Park/ street lighting system.	Each	473X20Months	693701.80	473	880.01/12=73.33	73.33	34685.09	473X21Months	728386.89	
6	Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers, MCPCB, surge protective device,, Switches , wires, Holders, Starter observing weather proofing technic confirming to IP 65 standards. and , switching ON/OFF of street lights at specified timing and Pole numbering . Preparing ward wise ,street wise street light data bank , furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 40 Watt to 65 W LED street Light lighting system.	Each	49X20Months	93697.80	49	1147.43/12=95.61	95.61	4684.89	49X21Months	98382.69	
7	Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers, MCPCB, surge protective device,, Switches , wires, Holders, Starter observing weather proofing technic confirming to IP 65 standards. and , switching ON/OFF of street lights at specified timing and Pole numbering . Preparing ward wise ,street wise street light data bank , furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 90W LED street light lighting system.	Each	27X20Months	61997.40	27	1377.66/12=114.81	114.81	3099.87	27X21Months	65097.27	
8	Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers, MCPCB, surge protective device,, Switches , wires, Holders, Starter observing weather proofing technic confirming to IP 65 standards. and , switching ON/OFF of street lights at specified timing and Pole numbering . Preparing ward wise ,street wise street light data bank , furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 120 / 150 watt LED street light lighting system.	Each	0	0.00	0	0	0	0.00	0	0.00	
9	Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers, MCPCB, surge protective device,, Switches , wires, Holders, Starter observing weather proofing technic confirming to IP 65 standards. and , switching ON/OFF of street lights at specified timing and Pole numbering . Preparing ward wise ,street wise street light data bank , furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 150 / 180 watt LED street light lighting system.	Each	0	0.00	0	0	0	0.00	0	0.00	
10	Supply and Installation / Fixing / Provision of Outdoor type Thermoplastic Modular Panel enclosure with transparent front hinging door with Embossed powder coated finish (Weather Proof, rust proof, dust proof, water proof, Flame Retard, Heat & corrosion resistant finish) and having a provision for Fuse / MCB cutout with suitable terminal arrangement for connecting MCB along with complete tamper proof SEALING	Each	20	102540	0	0	5127.00	0.00	20	102540.00	

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11	Supply and fixing of 4pole power contactor with NO/NC contacts on existing wood/panel board using necessary bolts, nuts, washers and wiring etc., complete with AC-3 Rating and as per IS-13947 100 to 125Amps	Each	
12	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898.50-63 Amps SP	Each	
13	Supplying and fixing Microprocessor Based Astronomical timer Switch with using necessary bolts, nuts and washers.	Each	
14	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments 6 sqmm	Mtr	
15	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes.6 sqmm	Mtr	
16	1.1 kV LT Aerial Bunched Cable, conforming to IS-14255: 1995 XLPE insulation Parameter shall be as below 1. Hot Set Test a) Elongation under Load: 50% (Max) b) Permanent Elongation After Cooloing: 3% (Max) 2. Thermal Aging in oven: a) Tensile Strength: 16 N/mm^2 (Min) b) Elongation: 375% (Min) 3. Water Absorption Test a) Water absorbed: 0.5 mg/cm^2 (Max) 4. Carbon Black Content shall be ranging from 2% to 3% 3x25 + 1x25 + 1x16 Sqmm Street light (Insulated Messenger cum Neutral)	Km	
17	Stringing of 1.1 kV grade Aerial Bunched 3 Core cable of XLPE insulation of size (3x95) (Phase Conductor) + (1x70) (Insulated Messenger Neutral) + (1x25) (Street Light Control)	Km	
18	Supplying of 1.1 kV LT UG cable XLPE or Heat resistant PVC insulated, PVC extruded Inner sheath armoured UG LT cable as per IS-1554 (Part-1) or IS-7098 Part-1, Armouring strip thickness in average +5% and resistivity 14 Ohms/Kms (Max) as per IS-3975 4 core 16 sqmm	Mtrs	
19	Labour charges for laying of 1.1 kV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.On wall /Structure 6 sqmm to 16 sqmm	Mtrs	
	Sub Total		
	Add GST 18%		
	Total		
	Add GST18% on item no10 to 19		
	Fine imposed for non burning of street lights For the period of 01.12.2023 to 31.12.2023 and GPS time violation Penalty for the present bill		
	As per street light agreement clause 2 % will be deducted in monthly maintenance bill against the released scrap material		
	GRAND TOTAL		

44	316800	0	0	7200.00	0.00	44	316800.00
48	34704	0	0	723.00	0.00	48	34704.00
48	193440	0	0	4030.00	0.00	48	193440.00
18	1260	0	0	70.00	0.00	18	1260.00
172	1204	0	0	7.00	0.00	172	1204.00
2.75	404250	0	0	147000.00	0.00	2.75	404250.00
2.75	61790	0	0	22469.00	0.00	2.75	61789.75
370	55500	0	0	150.00	0.00	370	55500.00
370	11100	0	0	30.00	0.00	370	11100.00
	3454491.20				118872.66		3559099.14
ADD 6%	327651.31	-12%			104607.94	ADD 6%	346480.74
	3782142.51	18%		14264.72	123437.37		3905579.88
		18%	0.00	18829.43	0.00		
				0.00	0.00		
					123437.37		
	31300.00				1000.00		32300.00
	48450.78				2468.75		50919.53
	3702391.73				119968.62		3822360.35

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Certificate

1 The above said monthly maintenance work has been carriedout satisfactorily

2 The Amount Claimed in this Bill has not been claimed in any of the previous bill

Assistant Engineer (Ele)
Bruhath Bengaluru Mahanagara Palike
Dasarahalli Zone, Bengaluru

ASST. EXECUTIVE ENGINEER (Ele)
Bruhath Bangalore Mahanagara Palike
Dasarahalli Zone, Bangalore

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